CATALOGUE

OF THE

Exogenous, Endogenous and Acrogenous

PLANTS OF WISCONSIN.

Compiled from the papers of Dr, I. A. Lapham and T. J. Hale, and the Field Notes of Dr. Lewis Sherman, Geo. R. Kleeberger, F. H. King, Mrs. McMurphey, Dr. P. R. Hoy, W. F. Bundy, Dr. D. S. Jordan, G. M. Bowen, the Author and others, by

G. D. SWEZEY, A.M.,

Instructor in Natural History,

BELOIT COLLEGE.

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RANUNCULACEÆ.

Clematis verticillaris, D.C.
Virginiana, Linn.
Anemone patens, Linn., var. Nuttalliana, Gray.
Caroliniana, Walt.
multifida, D.C.
cylindrica, Gray.
Virginiana, Linn.
Pennsylvanica, Linn.
nemorosa, Linn.
Hepatica triloba, Chaix.
acutiloba, D.C.
Thalictrum anemonoides, Michx.
dioicum, Linn.
purpurascens, Linn.
Cornuti, Linn.
Ranunculus aquatilis, L., var. trichophyllus, Chaix.
multifidus, Pursh.
var. terrestris, Gray.
Cymbalaria, Pursh.
rhomboideus, Goldie.
abortivus, Linn.
var micranthus, Gray.
sceleratus, Linn.
recurvatus, Poir.
Pennsylvanicus, Linn.
fascicularis, Muhl.
repens, Linn.
acris, Linn.
Isopyrum biternatum, Torr. & Gray.
Caltha palustris, Linn.
Coptis trifolia, Salisb.
Aquilegia Canadensis, Linn.
Delphinium azureum, Michx.
Hydrastis Canadensis, Linn.
Actæa spicata, Linn., var. rubra, Michx.
alba, Bigel.

MENISPERMACEÆ.

Menispermum Canadense, Linn.

BERBERIDACEÆ.

Caulophyllum thalictroides, Michx.
Jeffersonia diphylla, Pers.
Podophyllum peltatum, Linn.

NYMPHÆACEÆ.

Brasenia peltata, Pursh.
Nelumbium luteum, Willd.
Nymphæa odorata, Ait.
Nuphar advena, Ait.
var. variegatum, Engelm.

SARRACENIACEÆ.

Sarracenia purpurea, Linn.

PAPAVERACEÆ.

Papaver somniferum, Linn.
Argemone Mexicana, Linn.
Stylophorum diphyllum, Nutt.
Sanguinaria Canadensis, Linn.

FUMARIACEÆ.

Adlumia cirrhosa, Raf.
Dicentra Cucullaria, D.C.
Canadensis, D.C.
Corydalis glauca, Pursh.
aurea, Willd.
Fumaria officinalis, Linn.

CRUCIFERÆ.

Nasturtium officinale, R. Brown.
sessiliflorum, Nutt.
obtusum, Nutt.
palustre, D.C.
var. hispidum, Gray.
lacustre, Gray.
Armoracia, Fries.
Dentaria diphylla, Linn.
laciniata, Muhl.
Cardamine rhomboidea, D.C.
var. purpurea, Torr.
pratensis, Linn.
hirsuta, Linn.
Arabis lyrata, Linn.
petræa, Lam.
dentata, Torr. & Gray.
hirsuta, Scop.
lævigata, D.C.
Canadensis, Linn.
perfoliata, Lam.
Drummondii, Gray.
Erysimum cheiranthoides, Linn.
Sisymbrium, officinale, Scop.
canescens, Nutt.
Brassica Sinapistrum, Boissier.
alba, Gray.
nigra, Gray.
Draba arabisans, Michx.

Caroliniana, Walt.
Camelina sativa, Crantz.
Capsella Bursa-pastoris, Mœnch.
Lepidium Virginicum, Linn.
intermedium, Gray.
Cakile Americana, Nutt.

CAPPARIDACEÆ.

Cleome pungens, Willd.
Polanisia graveolens, Raf.

VIOLACEÆ.

Viola lanceolata, Linn.
blanda, Willd.
cucullata, Ait.
var. palmata, Gray.
sagittata, Ait.
delphinifolia, Nutt.
pedata, Linn.
canina, Linn. var. silvestris, Regel.
striata, Ait.
Canadensis, Linn.
pubescens, Ait.
var. eriocarpa, Nutt.

CISTACEÆ.

Helianthemum Canadense, Michx.
Hudsonia tomentosa, Nutt.
Lechea minor, Lam.

DROSERACEÆ.

Drosera rotundifolia, Linn.
longifolia, Linn.
linearis, Goldie.

HYPERICACEÆ.

Hypericum pyramidatum, Ait.
Kalmianum, Linn.
prolificum, Linn.
ellipticum, Hook.
perforatum, Linn.
corymbosum, Muhl.
mutilum, Linn.
Canadense, Linn.
Sarothra, Michx.
Elodes Virginica, Nutt.
petiolata, Pursh.

CARYOPHYLLACEÆ.

Saponaria officinalis, Linn.
Vaccaria vulgaris, Host.
Silene stellata, Ait.
nivea, D.C.
Armeria, Linn.
antirrhina, Linn.
noctiflora, Linn.

Lychnis Githago, Lam.
Arenaria serpyllifolia, Linn.
stricta, Michx.
lateriflora, Linn.
Stellaria media, Smith.
longifolia, Muhl.
longipes, Goldie.
Cerastium vulgatum, Linn.
viscosum, Linn.
nutans, Raf.
arvense, Linn.
Spergula arvensis, Linn.
Anychia dichotoma, Michx.
Mollugo verticillata, Linn.

PORTULACACEÆ.

Portulaca oleracea, Linn.
Talinum teretifolium, Pursh.
Claytonia Virginica, Linn.

MALVACEÆ.

Malva rotundifolia, Linn.
silvestris, Linn.
moschata, Linn.
Callirrhoe triangulata, Gray.
Napæa dioica, Linn.
Abutilon Avicennæ, Gærtn.
Hibiscus Trionum, Linn.
aculeatus, Walt.

TILIACEÆ.

Tilia Americana, Linn.

LINACEÆ.

Linum sulcatum, Riddell.
rigidum, Linn.
usitatissimum, Linn.

GERANIACEÆ.

Geranium maculatum. Linn.
Carolinianum, Linn.
Robertianum, Linn.
Flœrkea proserpinacoides, Willd.
Impatiens pallida, Nutt.
fulva, Nutt.
Oxalis Acetosella, Linn.
violacea, Linn.
stricta, Linn.

RUTACEÆ.

Zanthoxylum Americanum, Mill.
Ptelea trifoliata, Linn.

ANACARDIACEÆ.

Rhus typhina, Linn.
glabra, Linn.
venenata, D.C.
Toxicodendron, Linn.
aromatica, Ait.

VITACEÆ.

Vitis æstivalis, Michx.
cordifolia, Michx.
Ampelopsis quinquefolia, Michx.

RHAMNACEÆ.

Rhamnus lanceolatus, Pursh.
alnifolius, L'Her.
Ceanothus Americanus, Linn.
ovalis, Bigelow.

CELASTRACEÆ.

Celastrus scandens, Linn.
Euonymus atropurpureus Jacq.

SAPINDACEÆ.

Staphylea trifolia, Linn.
Aesculus Hippocastanum, Linn.
Acer Pennsylvanicum, Linn.
spicatum, Lam.
saccharinum Wang.
var. nigrum Gray.
dasycarpum Ehrhart.
rubrum, Linn.
Negundo aceroides Mœnch.

POLYGALACEÆ.

Polygala incarnata Linn.
sanguinea Linn.
cruciata Linn.
verticillata Linn.
Senega Linn.
polygama Walt.
paucifolia Willd.

LEGUMINOSÆ.

Lupinus perennis, Linn.
Trifolium arvense, Linn.
pratense, Linn.
stoloniferum, Muhl.
repens, Linn.
procumbens, Linn.
Meliotus officinalis, Willd.
alba, Lam.
Medicago lupulina, Linn.
Psoralea argophylla, Pursh.
esculenta, Pursh.
Petalostemon violaceus, Michx.
candidus, Michx.

villosus, Nutt.
Amorpha fruticosa, Linn.
canenscens, Nutt.
Robinia Pseudacacia, Linn.
Tephrosia Virginiana, Pers.
Astragalus caryocarpus, Ker.
Canadensis, Linn.
Cooperi, Gray.
Glycyrrhiza lepidota, Nutt.
Desmodium nudiflorum, D.C.
acuminatum, D.C.
canescens, D.C.
cuspidatum, Torr. & Gray.
Dillenii, Darlington.
Canadense, D.C.
Illinoense, Gray.
Lespedeza procumbens, Michx.
violacea, Pers.
var. divergens, Gray.
var. sessiliflora, Gray.
var. augustifolia, Gray.
capitata, Michx.
Vicia Cracca, Linn.
Caroliniana, Walt.
Americana, Muhl.
Lathyrus maritimus, Bigelow.
venosus, Muhl.
ochroleucus, Hook.
palustris, Linn.
var. myrtifolius, Gray.
Apios tuberosa, Mœnch.
Phaseolus diversifolius, Pers.
pauciflorus, Benth.
Amphicarpæa monoica, Nutt.
Baptisia australis, R. Brown.
leucantha, Torr. & Gray.
alba, R. Br.
leucophæa, Nutt.
Cassia Marilandica, Linn.
Chamæcrista, Linn.
Gymnocladus Canadensis, Lam.
Gleditschia triacanthos, Linn.

ROSACEÆ.

Prunus Americana, Marshall.
pumila, Linn.
Pennsylvanica, Linn.
Virginiana, Linn.
serotina, Ehrhart.
Spiræa opulifolia, Linn.
salicifolia, Linn.
tomentosa, Linn.
Agrimonia Eupatoria, Linn.
Geum album, Gmelin.

Virginianum, Linn.
macrophyllum, Willd.
strictum, Ait.
rivale, Linn.
triflorum, Pursh.
Waldsteinia fragarioides, Tratt.
Potentilla Norvegica, Linn.
paradoxa, Nutt.
Canadensis, Linn.
var. simplex, Torr. & Gray.
argentea, Linn.
Pennsylvanica, Linn.
arguta, Pursh.
Anserina, Linn.
fruticosa, Linn.
tridentata, Ait.
palustris, Scop.
recta, Linn.
Fragaria Virginiana, Ehrhart, var. Illinoensis, Gray.
vesca, Linn.
Rubus odoratus, Linn.
Nutkanus, Mocino.
triflorus, Richardson.
strigosus, Michx.
occidentalis, Linn.
villosus, Ait.
Canadensis, Linn.
hispidus, Linn.
Rosa Carolina, Linn.
lucida, Ehrhart.
blanda, Ait.
rubiginosa, Linn.
pimpinellifolia.
Cratægus cordata, Ait.
Oxycantha, Linn.
coccinea, Linn.
tomentosa, Linn, var. pyrifolia, Gray.
var. punctata, Gray.
var. mollis, Gray.
Pyrus coronaria, Linn.
arbutifolia, Linn.
Americana, D.C.
Amelanchier Canadensis, Torr. & Gray. var. Botryapium, Gray.
var. oblongifolia, Gray.
var. rotundifolia, Gray.
var. alnifolia, Gray.

SAXIFRAGACEÆ.

Ribes Cynosbati, Linn.
hirtellum, Michx.
rotundifolium, Michx.
lacustre, Poir.
floridum, Linn.

rubrum, Linn.
Parnassia palustris, Linn.
Caroliniana, Michx.
Saxifraga Aizoon, Jacq.
Virginensis, Michx.
Pennsylvanica, L.
Sullivantia Ohionis, Torr. & Gray.
Heuchera Americana, Linn.
hispida, Pursh.
Mitella diphylla, Linn.
nuda, Linn.
Tiarella cordifolia, Linn.
Chrysosplenium Americanum, Schw.

CRASSULACEÆ.

Sedum Telphium, Linn.
Penthorum sedoides, Linn.

HAMAMELACEÆ.

Hamamelis Virginica, Linn.

HALORAGEÆ.

Myriophyllum spicatum, Linn.
verticillatum, Linn.
Proserpinaca palustris, Linn.
Hippuris vulgaris, Linn.

ONAGRACEÆ.

Circæa Lutetiana, Linn.
alpina, Linn.
Gaura biennis, Linn.
Epilobium angustifolium, Linn.
alpinum, Linn, var. majus, Wahl.
palustre, Linn, var. lineare, Gray.
molle, Torr.
coloratum, Muhl.
Œnothera biennis, Linn.
rhombipetala, Nutt.
chrysantha, Michx.
pumila, Linn.
serrulata, Nutt.
Ludwigia polycarpa, Short & Peter.
palustris, Elliott.

MELASTOMACEÆ.

Rhexia Virginica, Linn.

LYTHRACEÆ.

Ammannia Nuttallii, Gray.
Lythrum alatum, Pursh.
Nesæa verticillata, H.B.K.

CACTACEÆ.

Opuntia vulgaris, Mill.
Rafinesquii, Engelm.

CUCURBITACEÆ.

Sicyos angulatus, Linn.
Echinocystis lobata, Torr. & Gray.

UMBELLIFERÆ.

Hydrocotyle Americana, Linn.
Sanicula Canadensis, Linn.
Marilandica, Linn.
Eryngium yuccæfolium, Michx.
Daucus Carota, Linn.
Polytænia Nuttallii, D.C.
Heracleum lanatum, Michx.
Pastinaca sativa, Linn.
Archemora rigida, D.C.
Archangelica atropurpurea, Hoffm.
Conioselinum Canadense, Torr. & Gray.
Thaspium barbinode, Nutt.
aureum, Nutt., var. apterum, Gray.
trifoliatum, Gray, var. apterum, Gray.
Zizia integerrima, D.C.
Bupleurum rotundifolium, Linn.
Cicuta maculata, Linn.
bulbifera, Linn.
Sium lineare, Michx.
augustifolium, Linn.
Cryptotænia Canadensis, D.C.
Osmorrhiza longistylis, D.C.
brevistylis, D.C.
Conium maculatum, Linn.
Erigenia bulbosa, Nutt.

ARALIACEÆ.

Aralia racemosa, Linn.
hispida, Michx.
nudicaulis, Linn.
quinquefolia, Gray.
trifolia, Gray.

CORNACEÆ.

Cornus Canadensis, Linn.
circinata, L'Her.
sericea, Linn.
stolonifera, Michx.
paniculata, L'Her.
alternifolia, Linn.

CAPRIFOLIACEÆ.

Linnæa borealis, Gronov.
Symphoricarpus occidentalis, R. Brown.
racemosus, Michx.
vulgaris, Michx.
Lonicera sempervirens, Ait.
flava, Sims.
parviflora, Lam.

var. Douglasii, Gray.
hirsuta, Eaton.
ciliata, Muhl.
cærulea. Linn.
oblongifolia, Muhl.
Diervilla trifida, Mœnch.
Triosteum perfoliatum, Linn.
Sambucus Canadensis, Linn.
pubens, Michx.
Viburnum Lentago, Linn.
nudum, Linn.
dentatum, Linn.
pubescens, Pursh.
acerifolium, Linn.
Opulus, Linn.

RUBIACEÆ.

Galium Aparine, Linn.
asprellum, Michx.
concinnum, Torr. & Gray.
trifidum, Linn.
var. latifolium, Gray.
triflorum, Michx.
circæzans, Michx.
lanceolatum, Torr.
boreale, Linn.
Cephalanthus occidentalis, Linn.
Mitchella repens. Linn.
Houstonia purpurea, Linn. var. longifolia, Gray.
var. ciliolata, Gray
cærulea, Linn.

VALERIANACEÆ.

Valeriana edulis, Nutt.
Fedia Fagopyrum, Torr. & Gray.

DIPSACEÆ.

Dipsacus silvestris, Mill.

COMPOSITÆ.

Vernonia Noveboracensis, Willd.
fasciculata, Michx.
Liatris cylindracea, Michx.
scariosa, Willd.
spicata, Willd.
pycnostachya, Michx.
Kuhnia eupatorioides, Linn.
Eupatorium purpureum, Linn.
altissimum, Linn.
sessilifolium, Linn.
perfoliatum, Linn.
serotinum, Michx.
ageratoides, Linn.
Nardosmia palmata, Hook.

Adenocaulon bicolor, Hook.
Aster corymbosus, Ait.
macrophyllus, Linn.
angustus, Torr. & Gray.
sericeus, Vent.
concolor, Linn.
lævis, Linn.
azureus, Lindl.
Shortii, Boott.
cordifolius, Linn.
sagittifolius, Willd.
ericoides, Linn.
multiflorus, Ait.
Tradescanti, Linn.
miser, Linn.
simplex. Willd.
tenuifolius, Linn.
c rneus, Nees.
æstivus, Ait.
Novi-Belgii, Linn.
longifolius, Lam.
puniceus, Linn.
var. vimineus, Gray.
prenanthoides, Muhl.
oblongifolius, Nutt.
Novæ-Angliæ, Linn.
ptarmacoides, Muhl.
Erigeron Canadense, Linn.
bellidifolium, Muhl.
Philadelphicum, Linn.
glabellum, Nutt.
annuum, Pers.
strigosum, Muhl.
Diplopappus linariifolius, Hook.
umbellatus, Torr. & Gray.
amygdalinus, Torr. & Gray.
Boltonia glastifolia, L'Her.
diffusa, L'Her.
Solidago bicolor, Linn.
latifolia, Linn.
cæsia, Linn.
puberula, Nutt.
stricta, Ait.
speciosa, Nutt.
Virga-aurea, Linn.
rigida, Linn.
Ohioensis, Riddell.
Riddellii, Frank.
Houghtonii, Torr. & Gray.
neglecta, Torr & Gray.
patula, Muhl.
arguta, Ait.
altissima, Linn.

ulmifolia, Muhl.
nemoralis, Ait.
Missouriensis, Nutt.
Canadensis, Linn.
serotina, Ait.
gigantea, Ait.
lanceolata, Linn.
Chrysopsis villosa, Nutt.
Inula Helenium, Linn.
Polymnia Canadensis, Linn.
Silphium laciniatum, Linn.
terebinthinaceum, Linn.
trifoliatum, Linn.
integrifolium, Michx.
perfoliatum, Linn.
Parthenium integrifolium, Linn.
Ambrosia trifida, Linn.
artemisiæfolia, Linn.
psilostachya, D.C.
Xanthium strumarium, Linn.
Heliopsis lævis, Pers. var. scabra, Gray.
Echinacea angustifolia, D.C.
Rudbeckia laciniata, Linn.
subtomentosa, Pursh.
hirta, Linn.
Lepachys pinnata, Torr. & Gray.
Helianthus annuus, Linn.
rigidus, Desf.
lætiflorus, Pursh.
occidentalis, Riddell.
giganteus, Linn.
grosse-serratus, Martens.
strumosus, Linn.
divaricatus, Linn.
hirsutus, Raf.
decapetalus, Linn.
doronicoides, Lam.
tuberosus, Linn.
Coreopsis lanceolata, Linn.
palmata, Nutt.
aristosa, Michx.
trichosperma, Michx.
discoidea, Torr. & Gray.
Bidens frondosa, Linn.
connata, Muhl.
cernua, Linn.
chrysanthemoides, Michx.
Beckii, Torr.
Dysodia chrysanthemoides, Lag.
Helenium autumnale, Linn.
Maruta Cotula, D.C.
Achillea Millefolium, Linn.
Leucanthemum vulgare, Lam.

Tanacetum vulgare, Nutt.
Huronense, Nutt.
Artemisia Canadensis, Michx.
caudata, Michx.
Ludoviciana, Nutt. var. gnaphalodes, Gray.
vulgaris, Linn.
biennis, Willd.
Absinthium, Linn.
frigida, Willd.
Gnaphalium decurrens, Ives.
polycephalum, Michx.
uliginosum, Linn.
Antennaria margaritacea, R. Brown.
plantaginifolia, Hook.
Erecthites hieracifolia, Raf.
Cacalia suaveolens, Linn.
reniformis, Muhl.
atriplicifolia, Linn.
tuberosa, Nutt.
Senecio vulgaris, Linn.
palustris, Hook.
aureus, Linn.
var. Balsamitæ.
tomentosus, Michx.
Cirsium lanceolatum, Scop.
Pitcheri, Torr. & Gray.
discolor, Spreng.
altissimum, Spreng.
Virginianum, Michx.
muticum, Michx.
pumilum, Spreng.
arvense, Scop.
Lappa officinalis, Allioni, var. major, Gray.
Cichorium Intybus, Linn.
Cynthia Virginica, Don.
Troximon cuspidatum, Pursh.
Hieracium Canadense, Michx.
scabrum, Michx.
longipilum, Torr.
Gronovii, Linn.
Nabalus albus, Hook.
racemosus, Hook.
asper, Torr. & Gray.
Taraxacum Dens-leonis, Desf.
Lactuca Canadensis, Linn.
Mulgedium Floridanum, D.C.
leucophæum, D.C.
Sonchus oleraceus, Linn.
asper, Vill.

LOBELIACEÆ.

Lobelia cardinalis, Linn.
syphilitica, Linn.

inflata, Linn.
spicata, Lam.
Kalmii, Linn.

CAMPANULACEÆ.

Campanula rotundifolia, Linn.
aparinoides, Pursh.
Americana, Linn.
Specularia perfoliata, A. D.C.

ERICACEÆ.

Gaylussacia resinosa, Torr. & Gray.
Vaccinium Oxycoccus, Linn.
macrocarpon, Ait.
cæspitosum, Michx.
Pennsylvanicum, Lam.
Canadense, Kalm.
vacillans, Solander.
corymbosum, Linn.
Chiogenes hispidula, Torr. & Gray.
Arctostaphylos Uva-ursi, Spreng.
Epigæa repens, Linn.
Gaultheria procumbens, Linn.
Cassandra calyculata, Don.
Andromeda polifolia, Linn.
Kalmia glauca, Ait.
Ledum latifolium, Ait.
Pyrola rotundifolia, Linn.
var. asarifolia, Gray.
elliptica, Nutt.
secunda, Linn.
Moneses uniflora, Gray.
Chimaphila umbellata, Nutt.
Monotropa uniflora, Linn.
Hypopitys, Linn.

AQUIFOLIACEÆ.

Ilex verticillata, Gray.
Nemopanthes Canadensis, D.C.

PLANTAGINACEÆ.

Plantago major, Linn.
cordata, Lam.

PRIMULACEÆ.

Primula farinosa, Linn.
Mistassinica, Michx.
Androsace occidentalis, Pursh.
Dodecatheon Meadia, Linn.
Trientalis Americana, Pursh.
Lysimachia thyrsiflora, Linn.
stricta, Ait.
quadrifolia, Linn.
ciliata, Linn.
lanceolata, Walt.

var. hydrida, Gray.
var. angustifolia, Gray.
longifolia, Pursh.

LENTIBULACEÆ.

Utricularia vulgaris, Linn.
minor, Linn.
intermedia, Hayne.
purpurea, Walt.
cornuta, Michx.

OROBANCHACEÆ.

Epiphegus Virginiana, Bart.
Conopholis Americana, Wallr.
Aphyllon uniflorum, Torr. & Gray.
fasciculatum, Torr. & Gray.

SCROPHULARIACEÆ.

Verbascum Thapsus, Linn.
Blattaria, Linn.
Linaria Canadensis, Spreng.
vulgaris, Mill.
Scrophularia nodosa, Linn.
Collinsia verna, Nutt.
parviflora, Dougl.
Chelone glabra, Linn.
Pentstemon pubescens, Solander.
grandiflorus, Fraser.
Mimulus ringens, Linn.
Jamesii, Torr.
Gratiola Virginiana, Linn.
Ilysanthes gratioloides, Benth.
Synthyris Houghtoniana, Benth.
Veronica Virginica, Linn.
Anagallis, Linn.
Americana, Schweinitz.
scutellata, Linn.
serpyllifolia, Linn.
peregrina, Linn.
arvensis, Linn.
Seymeria macrophylla, Nutt.
Gerardia purpurea, Linn.
aspera, Dougl.
tenuifolia, Vahl.
setacea, Walt.
grandiflora, Benth.
pedicularia, Linn.
auriculata, Michx.
Castilleia coccinea, Spreng.
sessiliflora, Pursh.
Pedicularis Canadensis, Linn.
lanceolata, Michx.
Melampyrum Americanum, Michx.

ACANTHACEÆ.

Dianthera Americana, Linn.
Ruellia ciliosa, Pursh.
strepens, Linn.

VERBENACEÆ.

Verbena angustifolia, Michx.
hastata, Linn.
urticifolia, Linn.
stricta, Vent.
officinalis, Linn.
bracteosa, Michx.
Lippia lanceolata, Michx.
Phryma Leptostachya, Linn.

LABIATÆ.

Teucrium Canadense, Linn.
Isanthus cæruleus, Michx.
Mentha viridis, Linn.
piperita, Linn.
aquatica, Linn.
Canadensis, Linn.
Lycopus Virginicus, Linn.
Europæus, Linn., var. sinuatus, Gray.
Hyssopus officinalis, Linn.
Pycnanthemum lanceolatum, Pursh.
Origanum vulgare, Linn.
Satureia hortensis, Linn.
Calamintha glabella, Benth., var. Nuttallii, Gray.
Hedeoma pulegioides, Pers.
hispida, Pursh.
Monarda fistulosa, Linn.
punctata, Linn.
Blephilia ciliata, Raf.
hirsuta, Benth.
Lophanthus nepetoides, Benth.
scrophulariæfolius, Benth.
anisatus, Benth.
Nepeta Cataria, Linn.
Glechoma, Benth.
Dracocephalum parviflorum, Nutt.
Moldavicum, Linn.
Synandra grandiflora, Nutt.
Physostegia Virginiana, Benth.
Brunella vulgaris, Linn.
Scutellaria versicolor, Nutt.
parvula, Michx.
galericulata, Linn.
lateriflora, Linn.
Marrubium vulgare, Linn.
Galeopsis Tetrahit, Linn.
Stachys palustris, Linn., var. aspera, Gray.
var. cordata, Gray.

Leonurus Cardiaca, Linn.
Lamium amplexicaule, Linn.

BORRAGINACEÆ.

Echium vulgare, Linn.
Onosmodium Virginianum, D.C.
Carolinianum, D.C.
Lithospermum arvense, Linn.
officinale, Linn.
latifolium, Michx.
hirtum, Lehm.
canescens, Lehm.
longiflorum, Spreng.
Mertensia Virginica, D.C.
Myosotis palustris, Withering.
Echinospermum Lappula, Lehm.
Cynoglossum officinale, Linn.
Virginicum, Linn.
Morisoni, D.C.

HYDROPHYLLACEÆ.

Hydrophyllum Virginicum, Linn.
appendiculatum, Michx.
Ellisia Nyctelea, Linn.

POLEMONIACEÆ.

Polemonium reptans, Linn.
cæruleum, Linn.
Phlox paniculata, Linn.
glaberrima, Linn.
pilosa, Linn.
divaricata, Linn.

CONVOLVULACEÆ.

Calystegia sepium, R. Br.
spithamæa, Pursh.
Cuscuta tenuiflora, Englem.
inflexa, Engelm.
Gronovii, Willd.
glomerata, Choisy.

SOLANACEÆ.

Solanum Dulcamara, Linn.
nigrum, Linn.
Physalis grandiflora, Hook.
pubescens, Linn.
viscosa, Linn.
Pennsylvanica, Linn.
Nicandra physaloides, Gærtn.
Datura Stramonium, Linn.
Tatula, Linn.
Nicotiana rustica, Linn.

GENTIANACEÆ.

Halenia deflexa, Grisebach.
Gentiana quinqueflora, Lam.
crinita, Frœl.
detonsa, Fries.
alba, Munl.
Andrewsii, Griseb.
Saponaria, Linn.
var. linearis, Gray.
puberula. Michx.
Menyanthes trifoliata, Linn.

APOCYNACEÆ.

Apocynum androsæmifolium, Linn.
cannabinum, Linn., var. glaberr imum, D.C.
var. hypericifolium, Gray.

ASCLEPIADACEÆ.

Asclepias Cornuti, Decaisne.
Sullivantii, Engelm.
phytolaccoides, Pursh.
purpurascens, Linn.
variegata, Linn.
incarnata, Linn.
obtusifolia, Michx.
rubra, Linn.
tuberosa, Linn.
verticillata, Linn.
Acerates viridiflora, Ell.
lanuginosa, Decaisne.
longifolia, Ell.

OLEACEÆ.

Ligustrum vulgare, Linn.
Fraxinus Americana, Linn.
pubescens, Lam.
viridis, Michx. f.
sambucifolia, Lam.

ARISTOLOCHIACEÆ.

Asarum Canadense, Linn.

NYCTAGINACEÆ.

Oxybaphus nyctagineus, Sweet.
hirsutus, Hook.
angustifolius, Torr.

CHENOPODIACEÆ.

Chenopodium album, Linn.
glaucum, Linn.
urbicum, Linn.
hybridum, Linn.
Botrys, Linn.
ambrosioides, Linn.
Blitum capitatum, Linn.

Atriplex patula, Linn.
var. hastata, Gray.
var. littoralis, Gray.
hortensis, Linn.
Salsola Kali, Linn.

AMARANTACEÆ.

Amarantus hypochondriacus, Linn.
retroflexus, Linn.
var. hybridus, Gray.
albus, Linn.
Montelia tamariscina, Gray.
Acnida cannabina, Linn.
Frœlichia Floridana, Moquin.

POLYGONACEÆ.

Polygonum orientale, Linn.
Pennsylvanicum, Linn.
incarnatum, Ell.
Persicaria, Linn.
Hydropiper.
acre, H.B.K.
hydropiperoides, Michx.
amphibium, Linn.
var. terrestre, Willd.
Virginianum, Linn.
articulatum, Linn.
aviculare, Linn.
var. erectum, Roth.
ramosissimum, Michx.
tenue, Michx.
arifolium, Linn.
sagittatum, Linn.
Convolvulus, Linn.
cilinode, Michx.
dumetorium, Linn.
Fagopyrum esculentum, Mœnch.
Rumex orbiculatus, Gray.
Brittanica, Linn.
verticillatus, Linn.
crispus, Linn.
obtusifolius, Linn.
maritimus, Linn.
Acetosella, Linn.

THYMELEACEÆ,

Dirca palustris, Linn.

ELÆAGNACEÆ.

Shepherdia Canadensis, Nutt.

SANTALACEÆ.

Comandra umbellata, Nutt.

SAURURACEÆ.

Saururus cernuus, Linn.

CERATOPHYLLACEÆ.

Ceratophyllum demersum, Linn.

CALLITRICHACEÆ.

Callitriche verna, Linn.

EUPHORBIACEÆ.

Euphorbia polygonifolia, Linn.
Geyeri, Engelm.
serpyllifolia, Pers.
glyptosperma, Engelm.
maculata, Linn.
hypericifolia, Linn.
corollata, Linn.
heterophylla, Linn.
Cyparissias, Linn.
commutata, Engelm
Acalypha Virginica, Linn.

EMPETRACEÆ.

Empetrum nigrum, Linn.

URTICACEÆ.

Ulmus fulva, Michx.
Americana, Linn.
racemosa, Thomas.
Celtis occidentalis, Linn.
Urtica gracilis, Ait.
dioica, Linn.
chamædryoides, Pursh.
Laportea Canadensis, Gaudichaud.
Pilea pumila, Gray.
Bœhmeria cylindrica, Willd.
Parietaria Pennsylvanica, Muhl.
Cannabis sativa, Linn.
Humulus Lupulus, Linn.

PLATANACEÆ.

Platanus occidentalis, Linn.

JUGLANDACEÆ.

Juglans cinerea, Linn.
nigra, Linn.
Carya alba, Nutt.
porcina, Nutt.
amara, Nutt.

CUPULIFERÆ.

Quercus alba, Linn.
obtusiloba, Michx.
macrocarpa, Michx.
bicolor, Willd.
Prinus, Linn., var. acuminata, Michx.
coccinea, Wang.
var. tinctoria, Gray.

rubra, Linn.
palustris, Du Roi.
Fagus ferruginea, Ait.
Corylus Americana, Walt.
rostrata, Ait.
Ostrya Virginica, Willd.
Carpinus Americana, Michx.

MYRICACEÆ.

Myrica Gale, Linn.
Comptonia asplenifolia, Ait.

BETULACEÆ.

Betula lenta, Linn.
lutea, Michx. f.
papyracea, Ait.
nigra, Linn.
pumila, Linn.
glandulosa, Michx.
Alnus incana, Willd.
serrulata, Ait.

SALICACEÆ.

Salix candida, Willd.
tristis, Ait.
humilis, Marsh.
discolor, Muhl.
sericea, Marsh.
petiolaris, Smith.
purpurea, Linn.
viminalis, Linn.
cordata, Muhl.
var. myricoides, Gray.
livida, Wahl., var. occidentalis, Gray.
lucida, Muhl.
nigra, Marsh.
amygdaloides, Anderson.
fragilis, Linn.
alba, Linn.
longifolia, Muhl.
myrtilloides, Linn.
Populus tremuloides, Michx.
grandidentata, Michx.
angulata, Ait.
balsamifera, Linn.
var. candicans, Gray.
dilatata, Ait.

CONIFERÆ.

Pinus Banksiana, Lambert.
mitis, Michx.
resinosa, Ait.
Strobus, Linn.
Abies nigra, Poir.
alba, Michx.

Canadensis, Michx.
balsamea, Marshall.
Larix Americana, Michx.
Thuja occidentalis, Linn.
Juniperus communis, Linn.
Virgininiana, Linn.
var. alpina, Linn.
Taxus baccata, Linn., var. Canadensis, Gray.

ARACEÆ.

Arisæma triphyllum, Torr.
Dracontium, Schott.
Calla palustris, Linn.
Symplocarpus fœtidus, Salisb.
Acorus Calamus, Linn.

LEMNACEÆ.

Lemna trisulca, Linn.
minor, Linn.

TYPHACEÆ.

Typha latifolia, Linn.
Sparganium eurycarpum, Engelm.
simplex, Hudson.
var. angustifolium, Gray.
minimum, Fries.

NAIADACEÆ.

Naias flexilis, Rostk.
Zannichellia palustris, Linn.
Potamogeton natans, Linn.
rufescens, Schrader.
amplifolius, Tuckerman.
gramineus, Linn.
lucens, Linn.
perfoliatus, Linn.
compressus, Linn.
pauciflorus, Pursh.
pusillus, Pursh.
pectinatus, Linn.

ALISMACEÆ.

Triglochin maritimum, Linn., var. elatum, Gray.
Scheuchzeria palustris, Linn.
Alisma plantago, Linn., var. Americanum, Gray.
Sagittaria variabilis, Engelm.
calycina, Engelm.

HYDROCHARIDACEÆ.

Anacharis Canadensis, Planchon.
Vallisneria spiralis, Linn.

ORCHIDACEÆ.

Orchis spectabilis, Linn.
Habenaria tridentata, Hook.
virescens, Spreng.

viridis, R. Brown, var. bracteata, Reich.
hyperborea, R. Br.
dilatata, Gray.
rotundifolia, Richardson.
Hookeri, Torr.
orbiculata, Torr.
leucophæa, Gray.
lacera, R. Br.
psycodes, Gray.
Goodyera repens, R. Br.
pubescens, R. Br.
Spiranthes cernua, Richard.
graminea, Lindl., var. Walteri, Gray.
gracilis, Bigelow.
Arethusa bulbosa, Linn.
Pogonia ophioglossoides, Nutt.
Calopogon pulchellus, R. Br.
Microstylis monophyllos, Lindl.
ophioglossoides, Nutt.
Liparis liliifolia, Richard.
Lœseli, Richard.
Corallorhiza multiflora, Nutt.
Aplectrum hyemale, Nutt.
Cypripedium arietinum, R. Br.
candidum, Muhl.
parviflorum, Salisb.
pubescens, Willd.
spectabile, Swartz.
acaule, Ait.

AMARYLLIDACEÆ.

Hypoxys erecta, Linn.

HÆMODORACEÆ.

Aletris farinosa, Linn.

IRIDACEÆ.

Iris versicolor, Linn.
lacustris, Nutt.
Sisyrinchium Bermudiana, Linn.
var. mucronatum, Gray.
var. albidum, Gray.

DIOSCOREACEÆ.

Dioscorea villosa, Linn.

SMILACEÆ.

Smilax rotundifolia, Linn.
herbacea, Linn.
var. pulverulenta, Gray.

LILIACEÆ.

Trillium sessile, Linn.
recurvatum, Beck.
grandiflorum, Salisb.
erectum, Linn.

var. album, Pursh.
var. declinatum, Gray.
cernuum, Linn.
nivale, Riddell.
Medeola Virginica, Linn.
Zygadenus glaucus, Nutt.
Tofieldia glutinosa, Willd.
Uvularia grandiflora, Smith.
perfoliata, Linn.
sessilifolia, Linn.
Streptopus roseus, Michx.
Clintonia borealis, Raf.
Convallaria majalis, Linn.
Smilacina racemosa, Desf.
stellata, Desf.
trifolia, Desf.
bifolia, Ker.
Polygonatum biflorum, Ell.
giganteum, Dietrich.
Asparagus officinalis, Linn.
Lilium Canadense, Linn.
Philadelphicum, Linn.
superbum, Linn.
Erythronium Americanum, Smith.
albidum, Nutt.
Scilla Fraseri, Gray.
Allium tricoccum, Ait.
cernuum, Roth.
Canadense, Kalm.

JUNCACEÆ.

Luzula pilosa, Willd.
campestris, D.C.
Juncus effusus, Linn.
Balticus, Dethard.
marginatus, Rostk.
bufonius, Linn.
Gerardi, Loisel.
tenuis, Willd.
pelocarpus, E. Meyer.
acuminatus, Michx.
var. debilis, Gray.
var. legitimus, Gray.
nodosus, Linn.
scirpoides, Lam.

PONTEDERIACEÆ.

Pontederia cordata, Linn.
Schollera graminea, Willd.

COMMELYNACEÆ.

Tradescantia Virginica, Linn.

CYPERACEÆ.

Cyperus flavescens, Linn.
diandrus, Torr.

var. castaneus, Muhl.
inflexus, Muhl.
phymatodes, Muhl.
strigosus, Linn.
Michauxianus, Schultes.
Schweinitzii, Torr.
filiculmis, Vahl.
Dulichium spathaceum, Pers.
Hemicarpha subsquarrosa, Nees.
Eleocharis obtusa, Schultes.
palustris, R. Br.
compressa, Sullivant.
intermedia, Schultes.
tenuis, Schultes.
acicularis, R. Br.
Scirpus pungens, Vahl.
Torreyi, Olney.
validus, Vahl.
debilis, Pursh.
fluviatilis, Gray.
atrovirens, Muhl.
lineatus, Michx.
Eriophorum, Michx.
Eriophorum alpinum, Linn.
vaginatum, Linn.
Virginicum, Linn.
polystachyon, Linn.
var. angustifolium, Gray.
gracile, Koch.
Fimbristylis capillaris, Gray.
Rhynchospora alba, Vahl.
Cladium mariscoides, Torr.
Scleria triglomerata, Michx.
Carex polytrichoides, Muhl.
Backii, Booth.
bromoides, Schk.
siccata, Dew.
disticha, Huds.
teretiuscula, Good.
vulpinoidea, Michx.
crus-corvi, Shuttleworth.
stipata, Muhl.
conjuncta, Boott.
alopecoides, Tuck.
sparganioides, Muhl.
cephaloidea, Dew., Boott.
cephalophora, Muhl.
rosea, Schk.
chordorhiza, Ehrh.
tenella, Schk.
trisperma, Dew.
tenuiflora, Wahl.
canescens, Linn.

Deweyana, Schw.
stellulata, Linn.
var. scirpoides, Gray.
sychnocephala, Carey.
arida Schw. & Torr.
scoparia, Schk.
lagopodioides, Schk.
cristata, Schw., var. mirabilis, Boott.
straminea, Schk.
var. tenera, Gray.
var. festucacea, Gray.
rigida, Good.
vulgaris, Fries.
aquatilis, Wahl.
aperta, Boott.
stricta, Lam.
var. strictior, Gray.
crinita, Lam.
limosa, Linn.
irrigua, Smith.
Buxbaumii, Wahl.
aurea, Nutt.
Meadii, Dew.
tetanica, Schk.
Crawei, Dew.
granularis, Muhl.
grisea, Wahl.
flaccosperma, Dew.
Davisii, Schw. & Torr.
gracillima, Schw.
plantaginea, Lam.
platyphylla, Carey.
digitalis, Willd.
laxiflora, Lam.
var. intermedia, Boott.
var. blanda, Gray.
oligocarpa, Schk.
Hitchcockiana, Dew.
eburnea, Boott.
pedunculata, Muhl.
Pennsylvanica, Lam.
varia, Muhl.
Richardsonii, R. Br.
pubescens, Muhl.
miliacea, Muhl.
flava, Linn.
Œderi, Ehrh.
filiformis, Linn.
lanuginosa, Michx.
Houghtonii, Torr.
riparia, Curtis.
comosa, Boott.
Pseudo-Cyperus, Linn.

hystricina, Willd.
tentaculata, Michx.
intumescens, Rudge.
Grayii, Carey.
lupulina, Muhl.
folliculata, Linn.
squarrosa, Schw.
retrorsa, Schw.
utriculata, Boott.
monile, Tuck.
bullata, Schk.
oligosperma, Michx.
longirostris, Torr.

GRAMINEÆ.

Leersia Virginica, Willd.
oryzoides, Swartz.
lenticularis, Michx.
Zizania aquatica, Linn.
Alopecurus pratensis, Linn.
aristulatus, Michx.
Phleum pratense, Linn.
Vilfa aspera, Beauv.
vaginæflora, Torr.
Sporobolus heterolepis, Gray.
cryptandrus, Gray.
Agrostis perennans, Tuckerm.
scabra, Willd.
vulgaris, Withering.
alba, Linn.
Cinna arundinacea, Linn.
var. pendula, Gray.
Muhlenbergia sobolifera, Trin.
glomerata, Trin.
Mexicana, Trin.
silvatica, Torr. & Gray.
Willdenovii, Trin.
Brachyelytrum aristatum, Beauv.
Calamagrostis Canadensis, Beauv.
longifolia, Hook.
Oryzopsis melanocarpa, Muhl.
asperifolia, Michx.
Canadensis, Torr.
Stipa avenacea, Linn.
spartea, Trin.
Aristida purpurascens, Poir.
tuberculosa, Nutt.
Spartina cynosuroides, Willd.
Bouteloua oligostachya, Torr.
hirsuta, Lagasca.
curtipendula, Gray.
Dactylis glomerata, Linn.
Kœleria cristata, Pers.
Eatonia obtusata, Gray.

Pennsylvanica, Gray.
Melica mutica, Walt.
Glyceria Canadensis, Trin.
elongata, Trin.
nervata, Trin.
pallida, Trin.
aquatica, Smith.
fluitans, R. Br.
Poa compressa, Linn.
cæsia, Smith.
serotina, Ehrhart.
pratensis, Linn.
trivialis, Linn.
debilis, Torr.
alsodes, Gray.
Eragrostis reptans, Nees.
poæoides, Beauv., var. megastachya, Gray.
Frankii, Meyer.
capillaris, Nees.
pectinacea, Gray.
var. spectabilis, Gray.
Festuca tenella, Willd.
ovina, Linn.
elatior, Linn.
nutans, Willd.
Bromus secalinus, Linn.
Kalmii, Gray.
ciliatus, Linn.
var. purgans, Gray.
Uniola latifolia, Michx.
Phragmites communis, Trin.
Lolium perenne, Linn.
Triticum repens, Linn.
dasystachyum, Gray.
violaceum, Hornemann.
caninum, Linn.
Hordeum jubatum, Linn.
Elymus Virginicus, Linn.
Canadensis, Linn.
var. glaucifolius, Gray.
striatus, Willd.
Gymnostrichum Hystrix, Schreb.
Danthonia spicata, Beauv.
Avena striata, Michx.
Aira flexuosa, Linn.
cæspitosa, Linn.
Holcus lanatus, Linn.
Hierochloa borealis, Roem. & Schultes.
Phalaris Canariensis, Linn.
arundinacea, Linn.
Milium effusum, Linn.
Panicum glabrum, Gaudin.
sanguinale, Linn.

capilare, Linn.
autumnale, Bosc.
virgatum, Linn.
latifolium, Linn.
clandestinum, Linn.
xanthophysum, Gray.
pauciflorum, Gray. (Ell.?)
dichotomum, Linn.
depauperatum, Muhl.
Crus galli, Linn.
var. hispidum, Gray.
Setaria glauca, Beauv.
viridis, Beauv.
Italica, Kunth.
Cenchrus tribuloides, Linn.
Andropogor furcatus, Muhl.
scoparius, Michx.
Sorghum nutans, Gray.

EQUISETACEÆ.

Equisetum Telmateia, Ehrh.
arvense, Linn.
pratense, Ehrh.
silvaticum, Linn.
palustre, Linn.
limosum, Linn.
lævigatum, Braun.
hyemale, Linn.
variegatum, Schleicher.
scirpoides, Michx.

FILICES.

Polypodium vulgare, Linn.
incanum, Swartz.
Adiantum pedatum, Linn.
Pteris aquilina, Linn.
Cheilanthes lanuginosa, Nutt.
Pellæa gracilis, Hook.
atropurpurea, Link.
Asplenium Trichomanes, Linn.
angustifolium, Michx.
thelypteroides, Michx.
Filix-fœmina, R. Brown.
Camptosorus rhizophyllus, Link.
Phegopteris polypodioides, Fee.
hexagonoptera, Fee.
Dryopteris, Fee.
Aspidium Thelypteris, Swartz.
Noveboracense, Swartz.
fragrans, Swartz.
spinulosum, Swartz.
var. intermedium, Gray.
var. dilatatum, Gray.
cristatum, Swartz.
Goldianum, Hook.

marginale, Swartz.
achrosticoides, Swartz.
aculeatum, Swartz., var. Braunii, Koch.
Cystopteris bulbifera, Bernh.
fragilis, Bernh.
Struthiopteris Germanica, Linn.
Onoclea sensibilis, Linn.
var. obtusilobata, Torr.
Woodsia obtusa, Torr.
Ilvensis, R. Brown.
Osmunda regalis, Linn.
Claytoniana, Linn.
cinnamomea, Linn.
Botrychium Virginicum, Swartz.
lunarioides, Swartz.
Ophioglossum vulgatum, Linn.

LYCOPODIACEÆ.

Lycopodium lucidulum, Michx.
annotinum, Linn.
dendroideum, Michx.
var. obscurum, Gray.
clavatum, Linn.
complanatum, Linn.
Selaginella selaginoides, Link.
rupestris, Spring.
apus, Spring.

ADDENDA.

Anemone nemorosa, Linn., var. quinquefolia, Gray.
Aconitum reclinatum, Gray.
Sisymbrium Thaliana, Gaud.
Erodium cicutarium, L'Her.
Dalea laxiflora, Pursh.
Desmodium rigidum, D.C.
Lespedeza capitata, Michx., var. angustifolia, Gray.
Opuntia fragilis, Nutt.
Missouriensis, D.C.
Aralia spinosa, Linn.
Viburnum prunifolium, Linn.
Liatris punctata, Hook.
Aster patens, Ait.
dumosus, Linn.
Solidago bicolor, Linn., var. concolor, Gray.
tenuifolia, Pursh.
Iva xanthiifolia, Nutt.
Heliantnus microcephalus, Torr. & Gray.
tracheliifolius, Willd.
Hieracium venosum, Linn.
Sonchus arvensis, Linn.
Plantago lanceolata, Linn.

Pentstemon Digitalis, Nutt.
Veronica officinalis, Linn.
Gerardia flava, Linn.
quercifolia, Pursh.
Calamintha glabella, Nutt.
Monarda didyma, Linn.
Scutellaria integrifolia, Linn.
Lithospermum angustifolium, Michx.
Myosotis verna, Nutt,
Convolvulus arvensis, Linn.
Spigelia Marylandica, Linn.
Asclepias ovalifolia, Decaisne.
Euphorbia humistrata, Engelm.
Croton glandulosus, Linn.
Carya sulcata, Nutt.
Populus monilifera, Ait.
Juniperus Sabina, Linn., var. procumbens, Pursh.
Potamogeton prælongus, Wulfen.
perfoliatus, Linn., var. lanceolatus, Gray.
Sagittaria variabilis, Engelm., var. obtusa, Gray.
var. hastata, Gray.
var. gracilis, Pursh.
heterophylla, Pursh.
Spiranthes latifolia, Torr.
Pogonia pendula, Lindl.

ERRATA.

For Juniperus Virginiana, Linn., var. alpina, Linn., read Juniperus communis, Linn , var. alpina, Linn.

Polemonium cæruleum, Linn. has crept into this list surreptitiously and may not be found in the State.